

## REINFORCED ABRASIVE WHEELS

## ABSTRACT OF THE DISCLOSURE

In a depressed-center abrasive wheel assembly a reinforcement layer of polygonal shape is located between a front face of the abrasive wheel and a front flange. The  
5 reinforcement layer is dimensioned to entirely cover the depressed center portion of the wheel. An example of polygonal reinforcement layer has a hexagonal shape and is made of fiberglass cloth. A polygonal shape reinforcement layer can also be employed between the front flange and the front face in an abrasive flat wheel assembly that employs a wheel without internal reinforcement.